

## Attachment 4 – Budget

A detailed budget is shown in **Tables 4-1, 4-2, and 4.3**. These tables include labor categories, hourly rates, labor time estimates, the non-State funding match, and the grant request for each task. A summary of the budget can be found in **Table 4-4**. The sources of funding for the non-State share (\$134,616) include:

- \$52,906 will be funded through RWA (of which, \$23,352 is RWA in-kind labor).
- A U.S. Bureau of Reclamation WaterSMART Grant, called a System Optimization Review (SOR Grant) for Fiscal Year 2010. Because of eligibility requirements of the grant, San Juan Water District, one the members of the ARB IRWM Management Committee, applied on behalf of RWA. RWA was notified August 12, 2010 that it had received this grant for planning and technical studies. RWA will receive \$134,183 in funding through this grant program, of which \$81,710 is eligible as non-State share for tasks that will directly lead to the ARB IRWMP Update. Work on the SOR Grant portion of the project is expected to commence by November 2010.

RWA has carefully evaluated the tasks and level of effort for the proposed ARB IRWMP Update, and have a high degree of confidence in our budget estimates. For each task, the appropriate consultant developed a cost estimate based on a strong understanding of the ARB IRWMP Update expectations. Each consultant has successfully completed past work on the ARB IRWMP. Two of the firms completed major elements of the current ARB IRWMP, partially funded through a Proposition 50 Planning Grant, within the planned budget.



Table 4-1. Budget  
American River Basin Integrated Regional Water Management Plan Update

Task	Planning Consultant - Principal Professional	Planning Consultant - Principal Facilitator	Planning Consultant - Supervising Professional	Planning Consultant - Professional	Planning Consultant - Associate Professional	Planning Consultant - GIS/Graphics	Planning Consultant - Admin/ Secretary/ Editor	RWA Staff	Outreach/ Modeling Consultant	Total Task Hours	Planning Consultant Labor Subtotal	RWA Labor Subtotal	Outreach/ Modeling/ Web Interface Consultant Labor Subtotal	Total Labor Costs	Other Direct Costs	Total Cost	Non-State Share (Funding Match)*	Requested Grant Funding (DWR Grant Amount)	% Funding Match (Non-State Share)
Hourly Rate:	\$195	\$190	\$160	\$125	\$100	\$100	\$95	\$84	\$130										
TASK 1: IRWMP Update Tasks																			
Subtask 1.1: Update Basic Data			20		120	40	8			188	\$ 19,960	\$ -	\$ -	\$ 19,960	\$ 1,974	\$ 21,934	\$ 10,437	\$ 11,497	48%
Subtask 1.2: Incorporate Other Elements (e.g., RMS)	12	4	60		120		16	80		292	\$ 26,220	\$ 6,720	\$ -	\$ 32,940	\$ 2,226	\$ 35,166	\$ 6,720	\$ 28,446	19%
Subtask 1.3: Address Climate Change	8		80		160		8		See Table 4-2	572	\$ 31,120	\$ -	\$ 46,470	\$ 77,590	\$ 2,688	\$ 80,278	\$ -	\$ 80,278	0%
TASK 2: Plan for Expanding the Strategy for Identifying/Including Disadvantaged Communities																			
	16		40	40	80		20			196	\$ 24,420	\$ -	\$ -	\$ 24,420	\$ 2,058	\$ 26,478	\$ -	\$ 26,478	0%
TASK 3: Continue Stakeholder Outreach																			
	8	40	40		40	40	20	74	116	378	\$ 25,460	\$ 6,216	\$ 15,080	\$ 46,756	\$ 1,974	\$ 48,730	\$ 6,216	\$ 42,514	13%
TASK 4: Develop Objectives with Metrics																			
	28	24	140		120		20	60	120	512	\$ 46,320	\$ 5,040	\$ 15,600	\$ 66,960	\$ 3,486	\$ 70,446	\$ 45,815	\$ 24,631	65%
TASK 5: Develop a Web-Based IRWM Interface																			
									See Table 4-3	728	\$ -	\$ -	\$ 105,920	\$ 105,920	\$ -	\$ 105,920	\$ 28,264	\$ 77,656	27%
TASK 6: Add New/Update Existing Projects																			
			80		40		4	40		164	\$ 17,180	\$ 3,360	\$ -	\$ 20,540	\$ 1,302	\$ 21,842	\$ 21,842	\$ -	100%
TASK 7: Project Prioritization																			
	8		40		40		4	24		116	\$ 12,340	\$ 2,016	\$ -	\$ 14,356	\$ 966	\$ 15,322	\$ 15,322	\$ -	100%
TASK 8: Prepare ARB IRWMP Update																			
Subtask 8.1: Draft ARB IRWMP Update	60		80		120	80	20			360	\$ 46,400	\$ -	\$ -	\$ 46,400	\$ 3,780	\$ 50,180	\$ -	\$ 50,180	0%
Subtask 8.2: Final ARB IRWMP Update	20		80		80	20	20			220	\$ 28,600	\$ -	\$ -	\$ 28,600	\$ 6,310	\$ 34,910	\$ -	\$ 34,910	0%
TASK 9: IRWMP Project and Grant Management																			
Subtask 9.1: Project Management	16		48		12		24			100	\$ 14,280	\$ -	\$ -	\$ 14,280	\$ 1,050	\$ 15,330	\$ -	\$ 15,330	0%
Subtask 9.2: Grant Management			24		48		24			96	\$ 10,920	\$ -	\$ -	\$ 10,920	\$ 1,008	\$ 11,928	\$ -	\$ 11,928	0%
ESTIMATED PROJECT TOTALS :	176	68	732	40	980	180	188	278	236	3,922	\$ 303,220	\$ 23,352	\$ 183,070	\$ 509,642	\$ 28,822	\$ 538,464	\$ 134,616	\$ 403,848	25%

Task 8.2 includes \$4,000 for Printing the ARB IRWMP and Brochures.

\* Sources of Funding for the Non-State Share (Funding Match): Local RWA IRWMP funding (\$52,906) and a U.S. Bureau of Reclamation System Optimization Review Grant (\$81,710) for a total of \$134,616.

Table 4-2. Detailed Budget for Climate Change Modeling under Subtask 1.3

Task	Project Manager	Supervising Professional	Associate Professional	GIS	Admin/ Secretary	Total Cost
Hourly Rate:	\$190	\$170	\$140	\$105	\$75	
Development of Baseline Conditions						
	6		80	6		\$ 12,970
Global Climate Change Scenarios						
	16	40	64	16		\$ 20,480
Prepare Modeling Technical Memorandum						
	4	8	24	8	4	\$ 6,620
Project Management and Coordination						
	24		8	4	4	\$ 6,400
ESTIMATED TASK TOTALS :	50	48	176	34	8	\$ 46,470

Table 4-3. Detailed Budget for Task 5: Develop a Web-based IRWM Interface

Task	Project Manager	Senior Software Professional	Software Professional	Assistant Professional	Web Hosting	Total Cost
Hourly Rate:	\$190	\$170	\$140	\$105		
Subtask 5.1: IRWM Project Interface Development						
	16	32	80	20	\$ 600	\$ 22,380
Subtask 5.2: Project Web-Based Database Development						
My Projects		4	16	8		\$ 3,760
Map View		4	24	16		\$ 5,720
All Submitted Projects		4	16	8		\$ 3,760
User Management			16	8		\$ 3,080
Project Evaluation	16	16	64	16		\$ 16,400
Project Tracking	8	16	80	20		\$ 17,540
Reports		8	40	16		\$ 8,640
Website Management	8	8	32	16		\$ 9,040
Subtask 5.3: Training and Technical Support						
			28			\$ 3,920
Subtask 5.4: Project Management and Coordination						
	40	24				\$ 11,680
ESTIMATED TASK TOTALS :	88	116	396	128	\$ 600	\$ 105,920

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**Table 4-4. Budget Summary**

Task	Non-State Share (Funding Match)*	Requested Grant Funding (DWR Grant Amount)	Total Cost	% Funding Match
<b>TASK 1: IRWMP Update Tasks</b>	\$17,157	\$120,221	\$137,378	12%
<b>TASK 2: Plan for Expanding the Strategy for Identifying/Including Disadvantaged Communities</b>	\$0	\$26,478	\$26,478	0%
<b>TASK 3: Continue Stakeholder Outreach</b>	\$6,216	\$42,514	\$48,730	13%
<b>TASK 4: Develop Objectives with Metrics</b>	\$45,815	\$24,631	\$70,446	65%
<b>TASK 5: Develop a Web-based IRWM Interface</b>	\$28,264	\$77,656	\$105,920	27%
<b>TASK 6: Add New/Update Existing Projects</b>	\$21,842	\$0	\$21,842	100%
<b>TASK 7: Project Prioritization</b>	\$15,322	\$0	\$15,322	100%
<b>TASK 8: Prepare ARB IRWMP Update</b>	\$0	\$85,090	\$85,090	0%
<b>TASK 9: IRWMP Project and Grant Management</b>	\$0	\$27,258	\$27,258	0%
<b>ESTIMATED PROJECT TOTALS :</b>	<b>\$ 134,616</b>	<b>\$ 403,848</b>	<b>\$ 538,464</b>	<b>25%</b>

\* Sources of Funding for the Non-State Share (Funding Match): Local RWA IRWMP funding (\$52,906) and a U.S. Bureau of Reclamation System Optimization Review Grant (\$81,710) for a total of \$134,616.

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